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UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL MARKETING SERVICE

COTTON DIVISION

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United States Cotton Quality Report For Ginnings Prior To January 1, 1979

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The predominant grade of upland cotton ginned prior to January 1 this season was grade 41. This grade accounted for over one-third of ginnings. The second most predominant grade was grade 42 at almost 15 percent of ginnings. Grade 42 accounted for 12 percent of ginnings prior to January 1 the two previous seasons. Predominant length this season was staple 35 at 32 percent of ginnings compared with 33 percent a year earlier and 30 percent two years ago. The second most common length was staple 34 at 26 percent this season against 17 percent and 25 percent of ginnings through the end of December 1977 and 1976, respectively. Average fiber strength this season was 88,200 pounds per square inch compared with 87,700 a year earlier and 86,400 two years ago. Average mike was 43 this season against 44 and 42 in 1977 and 1976, respectively.

White grades 31 and higher accounted for over 14 percent of upland ginnings prior to January 1 this season. This was down from over 22 percent a year earlier and was the same as two years ago. Grade 41, the predominant quality this season, accounted for over 37 percent of ginnings compared with 29 percent a year earlier and was the same as two years ago. All White grades made up almost 74 percent of ginnings prior to January 1 this season. This was the largest proportion since 1974 when 78 percent of ginnings prior to January 1 were in the White grades. This compares with less than 72 percent last season and less than 69 percent two years ago. The Light Spotted grades comprised almost 25 percent of ginnings so far this season compared with 26 percent a year earlier and 21 percent two years ago. Spotted grades accounted for a little over one percent this season, the smallest proportion since the 1973 crop. Spotted grades accounted for over two percent a year ago and over eight percent two years ago.

Staples 31 and shorter made up almost 12 percent of upland ginnings prior to January 1 this season, the smallest proportion since 1974. Through the same period in 1977 and 1976, 17 percent and 16 percent, respectively, stapled 31 or shorter. Staples 32 and 33 comprised 20 percent of ginnings, down from 21 percent a year earlier and up from 18 percent two years ago. Staples 34 and 35 comprised 58 percent this season against 51 percent a year earlier and 54 percent two years ago. Cotton stapling 36 and longer made up 10 percent of upland ginnings so far this season, the smallest proportion since 1973. This compares with 11 percent a year earlier and 12 percent two years ago. The average staple length of upland cotton ginned prior to January 1 this season was 33.8 thirty-seconds inches against 33.7 thirty-seconds last year and 33.8 two years ago.

Almost 78 percent of upland ginnings prior to January 1 this season was in the 35-49 mike range. Through the same period in 1977 and 1976, 80 percent and 78 percent, respectively, were in the 35-49 range. Cotton miking 34 and below accounted for almost nine percent this season against five percent a year earlier and 13 percent two years ago. Cotton with mike of 50 and higher made up 14 percent this season compared with 15 percent in 1977 and 10 in 1976.

Fiber strength of upland cotton ginned prior to January 1 this season averaged 88,200 pounds per square inch (psi), the highest average since records began in 1972. A year ago the average was 87,700 psi and two years ago was 86,400 psi. Cotton with fiber strength of 80,000 psi to 89,000 psi accounted for almost 58 percent of ginnings so far this season compared with 57 percent a year earlier and 58 percent two years ago. Cotton with strength of 90,000 psi and stronger made up almost 38 percent, the largest proportion since records began in 1972. Cotton with strength of 79,000 psi and lower comprised less than five percent this season against eight percent a year earlier and almost 13 percent two years ago.

Ginnings prior to January 1 this season totaled 9,320,525 running bales, according to the Bureau of the Census. This includes 63,205 bales of American Pima cotton.

Table 1. Upland cotton in the United States, ginnings and supply, by grade 1/

Grade Code	December 1-31			Season through December 31			Supply to January 1			Change in Supply	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1978 from 1977
White											
11	23	-	*	-	634	38	*	*	1	**	-1
21	9,806	2,603	0.6	0.1	130,747	31,500	1.0	0.3	158	103	-55
30	5,094	776	0.3	*	65,404	7,872	0.5	0.1	77	31	-46
31	291,241	125,199	16.4	4.8	2,816,090	1,282,591	21.0	13.9	3,120	1,930	-1,190
40	100,462	50,477	5.7	1.9	940,640	556,462	7.0	6.0	1,224	922	-302
41	458,378	749,839	25.8	29.0	3,913,437	3,415,055	29.1	37.1	4,582	4,776	+194
50	27,566	60,900	1.6	2.3	297,139	269,626	2.2	2.9	497	598	+101
51	99,402	410,283	5.6	15.7	1,271,719	1,057,980	9.5	11.4	1,546	1,548	+2
60	1,757	11,643	0.1	0.4	15,960	21,519	0.1	0.2	23	33	+10
61	26,698	70,823	1.5	2.7	142,467	141,746	1.1	1.5	204	242	+38
70	120	204	*	*	307	464	*	*	1	1	0
71	5,471	8,655	0.3	0.3	17,374	16,811	0.1	0.2	28	34	+6
Light Spotted											
12	-	-	-	-	-	-	-	-	-	-	-
22	2,089	550	0.1	*	21,633	2,981	0.2	*	24	23	-1
32	285,749	158,219	16.1	6.1	1,323,186	451,460	9.9	4.9	1,483	1,033	-450
42	312,867	610,313	17.7	23.6	1,656,242	1,380,686	12.3	14.9	1,949	2,033	+84
52	77,452	264,140	4.4	10.1	464,514	446,574	3.5	4.8	583	644	+61
Spotted											
13	-	-	-	-	14	-	*	-	**	-	0
23	183	194	*	*	1,451	399	*	*	6	5	-1
33	9,970	10,162	0.6	0.4	38,340	20,675	0.3	0.2	121	55	-66
43	23,733	32,336	1.3	1.2	145,857	69,534	1.1	0.8	284	150	-134
53	18,680	21,288	1.1	0.8	95,213	41,605	0.7	0.4	150	96	-54
Tinged 2/											
24-54	2,332	1,616	0.2	*	8,246	3,940	*	*	54	23	-31
Stained 2/											
25-35	6	13	*	*	24	71	*	*	1	3	+2
Light Gray											
16	-	-	-	-	-	-	-	-	-	-	-
26	208	353	*	*	1,712	855	*	*	2	2	0
36	718	2,953	*	0.1	10,769	7,855	0.1	0.1	13	14	+1
46	611	1,403	*	0.1	3,889	3,146	*	*	10	6	-4
Gray											
17	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	34	30	*	*	**	**	0
37	46	105	*	*	357	255	*	*	**	1	+1
47	26	227	*	*	508	395	*	*	1	1	0
Below Grade 3/											
	10,112	11,436	0.6	0.4	38,698	25,195	0.3	0.3	62	65	+3
All grades											
	1,770,800	2,606,710	100.0	100.0	13,422,605	9,257,320	100.0	100.0	16,204	14,372	-1,832

1/ Data for current season are preliminary.

2/ Includes all grades.

3/ Bales that are lower in grade than the lowest official standard for the corresponding color group.

* Less than 0.05 percent. ** Less than 500 bales.

Table 2. Upland cotton in the United States, ginnings and supply, by staple 1/

Staple	December 1-31		Season through December 31		Supply to January 1		Change in Supply	
	1977	1978	1977	1978	1977	1978	1977	1978
	Bales	Bales	Bales	Bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
26 and shorter	97	687	391	822	**	1	+	+
28	1,551	3,898	6,807	7,080	8	11	3	3
29	11,076	20,655	59,128	70,679	77	99	22	28
30	96,062	178,646	634,492	353,590	758	558	-200	-26.4
31	302,166	508,819	1,574,820	641,919	1,736	1,083	-653	-37.6
32	418,485	727,390	1,616,177	918,594	1,872	1,523	-349	-18.6
33	182,587	332,862	1,262,294	922,711	1,590	1,721	+131	+8.2
34	230,343	211,037	2,302,057	2,390,686	3,188	3,763	+575	+18.0
35	383,322	425,556	4,473,987	2,989,905	5,209	4,283	-926	-17.8
36	139,826	171,245	1,422,353	908,310	1,645	1,226	-419	-25.5
37	3,671	24,944	64,522	51,144	99	90	-9	-9.1
38	70	785	1,580	1,611	10	9	-1	-10.0
39	383	148	1,454	198	2	1	-1	-50.0
40 and longer	1,161	38	2,543	71	10	4	-6	-60.0
All staples	1,770,800	2,606,710	13,422,605	9,257,320	16,204	14,372	-1,832	-11.3

1/ Data for current season are preliminary.

* Less than 0.05 percent.

** Less than 500 bales.

Table 3. Specified measures of quality for upland ginnings 1/

Item	December 1-31		Season through December 31		Supply to January 1	
	1977	1978	1977	1978	1977	1978
Average staple, 32nd. inch	33.0	32.7	33.7	33.8	33.7	33.7
Rough preparation, percent	0.1	*	*	0.1	-	-
Tenderable, percent 2/	58.1	44.7	64.2	58.3	-	-
Average mike reading	4.2	3.9	4.4	4.3	-	-
Average fiber strength (Mpsi)	86.8	86.9	87.7	88.2	-	-

1/ Data for current season are preliminary.

2/ Tenderable for grade, staple and mike in settlement of futures contracts.

* Less than 0.05 percent.

Table 4. Percentage distribution of micronaire readings for upland cotton prior to January 1, this season and last season, by states 1/

State	26 and below	27-29	30-32	33-34	35-39	40-44	45-49	50-52	53 and above	Totals			Average mike													
										Below 35	35-49	50 and above														
NC	-	0.1	*	0.4	*	1.9	0.2	2.3	1.1	31.6	5.6	53.5	46.0	9.7	32.1	0.5	15.0	-	0.2	4.7	52.7	94.8	47.1	0.5	49	40
SC	-	*	0.2	0.1	1.2	0.8	1.8	1.1	8.9	12.7	16.2	56.9	38.8	26.8	24.0	1.6	8.9	*	3.2	2.0	63.9	96.4	32.9	1.6	47	43
GA	-	*	-	*	0.6	0.2	0.7	0.7	6.6	10.9	23.3	39.2	44.5	38.8	18.9	8.3	5.4	1.9	1.3	0.9	74.4	88.9	24.3	10.2	46	44
AL	*	*	0.2	*	0.7	0.4	0.5	0.6	2.7	8.7	14.2	33.2	46.7	43.7	24.6	10.9	10.4	2.5	1.4	1.0	63.6	85.6	35.0	13.4	48	45
MS	*	*	*	*	0.3	0.4	0.5	0.5	3.8	4.0	23.3	24.0	50.6	45.6	18.2	20.5	3.3	5.0	0.8	0.9	77.7	73.6	21.5	25.5	46	47
TN	-	*	*	*	*	0.3	0.2	0.7	4.6	7.9	20.7	29.0	45.0	46.1	17.8	12.4	11.7	3.6	0.2	1.0	70.3	83.0	29.5	16.0	47	46
MO	-	-	*	*	*	0.4	0.3	0.6	5.1	7.7	20.9	29.8	37.4	40.4	24.1	16.5	12.2	4.6	0.3	1.0	63.4	77.9	36.3	21.1	47	46
AR	*	*	*	0.1	0.2	0.4	0.3	0.5	3.1	3.6	18.5	16.2	53.0	47.8	20.8	22.1	4.1	9.3	0.5	1.0	74.6	67.6	24.9	31.4	47	47
LA	*	*	0.2	*	1.1	0.4	1.2	0.4	4.7	1.8	12.8	7.5	45.0	39.7	28.6	34.6	6.4	15.6	2.5	0.8	62.5	49.0	35.0	50.2	47	49
OK	*	0.1	0.6	0.8	3.0	2.7	3.7	3.4	18.0	20.3	33.2	44.2	31.3	25.9	8.0	2.4	2.2	0.2	7.3	7.0	82.5	90.4	10.2	2.6	43	42
TX	*	0.1	0.5	2.1	2.6	7.9	3.5	8.4	20.4	33.2	36.8	29.2	26.6	14.3	6.5	3.7	3.1	1.1	6.6	18.5	83.8	76.7	9.6	4.8	43	40
NM	*	0.2	0.6	4.0	3.3	13.3	4.4	13.8	32.3	47.7	50.3	20.4	8.2	0.6	0.8	-	0.1	-	8.3	31.3	90.8	68.7	0.9	-	40	36
AZ	0.1	*	0.6	0.5	1.3	1.2	1.1	1.2	4.9	7.0	18.5	23.6	43.3	44.9	23.2	17.1	7.0	4.5	3.1	2.9	66.7	75.5	30.2	21.6	47	46
CA	0.1	0.4	1.0	1.3	2.2	3.5	1.9	3.8	16.6	22.8	51.5	45.1	23.6	21.2	2.7	1.8	0.4	0.1	5.2	9.0	91.7	89.1	3.1	1.9	42	41
Other	-	-	0.3	-	4.1	4.2	7.0	3.6	35.6	21.6	35.1	56.0	8.9	12.9	8.6	1.7	0.4	-	11.4	7.8	79.6	90.5	9.0	1.7	40	41
US	*	0.1	0.5	1.0	1.8	3.6	2.2	3.9	13.5	18.3	33.0	30.3	33.9	29.2	11.5	10.4	3.6	3.2	4.5	8.6	80.4	77.8	15.1	13.6	44	43

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 5. Percentage distribution of fiber strength for upland cotton ginnings prior to January 1, 1978 with 1977 comparisons, by states 1/

State	Zero Gage Fiber Strength (Mpsi)																Average strength	
	64 & below		65-69		70-74		75-79		80-84		85-89		90-94		95-99		100 & above	
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
NC	-	-	-	-	0.1	*	2.3	4.3	16.6	29.8	47.6	45.4	28.6	18.5	4.8	2.0	-	-
SC	-	-	0.2	-	0.4	*	7.2	5.0	27.3	31.8	40.0	49.5	21.0	13.5	3.7	0.2	0.2	-
GA	-	-	-	-	1.6	-	12.7	4.0	35.8	19.2	33.6	42.4	13.4	30.4	2.7	3.7	0.2	0.3
AL	-	-	0.2	-	3.1	0.1	16.9	4.4	38.0	32.2	30.5	39.9	9.5	19.8	1.8	3.4	*	0.2
MS	-	-	*	-	0.7	*	6.9	2.2	35.9	23.6	38.5	46.1	14.9	23.0	3.0	4.8	0.1	0.3
TN	-	-	*	-	0.2	*	7.7	3.1	31.9	33.5	40.5	47.9	17.2	13.8	2.3	1.7	0.2	-
MO	-	-	-	-	1.6	0.2	15.0	4.4	44.9	27.5	28.9	40.7	8.7	24.3	0.7	2.5	0.2	0.4
AR	-	-	*	-	0.3	0.1	7.3	6.8	32.6	32.7	41.7	38.5	15.7	17.8	2.1	3.9	0.3	0.2
LA	-	-	*	*	2.0	0.1	18.1	4.1	42.5	17.5	29.7	36.4	7.0	30.4	0.6	10.2	0.1	1.3
OK	-	-	0.3	-	3.4	0.4	27.0	5.3	37.2	28.7	24.5	38.4	6.6	18.7	0.9	6.0	0.1	2.5
TX	-	-	0.1	*	0.9	0.8	7.6	6.8	27.0	26.8	33.9	34.2	21.4	21.6	7.3	8.3	1.8	1.5
NM	-	-	*	-	0.3	0.5	1.4	6.5	7.8	17.0	22.6	24.6	32.5	29.7	23.0	17.0	12.4	4.7
AZ	-	-	*	*	0.3	0.4	5.8	5.6	27.2	25.5	41.9	43.1	20.4	21.2	3.9	4.0	0.5	0.2
CA	-	-	*	-	0.1	-	0.5	0.3	3.4	2.9	14.4	20.7	29.5	33.8	31.0	27.0	21.1	15.3
US	-	-	*	*	0.8	0.3	7.3	4.3	25.3	21.9	31.4	35.6	20.1	24.0	10.1	10.2	5.0	3.7

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 6. Percentage distribution of the grade of upland cotton ginned prior to January 1, this season and last season, by states 1/

State	White										Light Spotted				Other Colored	Below Grade												
	21 and higher		30	31	40	41	50	51	60 and lower	22 and higher	32	42	52															
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978			1977	1978										
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.												
NC	-	-	-	0.6	1.7	0.6	5.1	26.9	45.3	6.7	19.7	32.2	19.4	5.8	4.3	-	0.2	0.1	14.8	2.3	8.1	1.7	3.6	0.3	0.5	0.1		
SC	0.2	0.6	-	-	3.3	3.8	0.9	7.3	32.8	52.3	4.0	14.5	21.6	11.9	2.9	1.2	*	2.1	1.1	18.4	4.8	8.9	1.8	4.4	0.6	0.5	0.1	
GA	*	0.4	-	0.1	1.5	14.4	0.7	16.5	20.7	42.2	1.5	4.1	10.5	6.6	1.7	1.2	*	0.1	4.8	4.1	31.1	7.9	13.6	1.6	12.4	0.6	1.5	0.2
AL	0.1	0.2	-	*	1.8	8.5	0.3	3.4	13.7	46.5	0.4	3.7	3.5	6.5	0.3	0.8	0.2	0.1	5.1	8.2	35.8	17.2	11.7	2.8	25.8	1.9	1.3	0.2
MS	*	0.1	*	*	2.0	4.6	1.5	1.9	33.5	50.0	4.2	3.5	36.0	21.6	5.4	2.2	*	*	0.5	1.1	8.9	11.4	6.0	3.0	1.4	0.4	0.6	0.2
TN	0.1	0.4	*	*	3.9	17.1	1.7	4.7	24.5	47.1	1.7	3.6	12.3	9.4	2.2	1.2	*	*	2.2	4.4	26.4	9.8	17.0	1.9	6.2	0.3	1.8	0.1
MO	*	0.1	-	-	1.0	14.7	0.2	3.9	29.8	50.5	2.6	2.6	15.8	4.8	1.2	0.3	-	*	2.2	6.7	28.6	13.3	10.4	1.9	7.5	1.2	0.7	*
AR	*	0.1	*	*	2.6	8.6	1.7	4.6	38.6	48.9	4.6	4.0	19.4	9.5	1.5	1.0	*	*	1.3	2.4	20.1	16.3	6.9	3.6	3.0	0.8	0.3	0.2
LA	0.2	0.1	*	*	13.3	11.2	1.7	1.9	50.4	46.5	3.2	2.8	10.3	4.6	1.5	0.5	*	*	3.4	6.5	11.9	21.5	2.7	2.7	1.2	1.6	0.2	0.1
OK	0.1	0.7	*	*	5.0	7.9	1.4	2.5	13.8	21.6	0.9	1.9	7.9	8.7	1.3	0.9	0.1	0.1	13.3	16.8	35.9	28.7	12.3	6.6	7.5	3.5	0.5	0.1
TX	1.1	0.1	0.1	*	24.7	6.2	5.9	1.9	25.6	26.7	1.7	1.7	3.2	14.2	0.4	2.8	0.3	*	20.7	7.4	13.4	25.6	1.4	10.4	1.4	2.7	0.1	0.3
NM	0.8	-	*	-	24.3	2.9	7.5	4.5	34.6	36.7	5.2	11.8	2.9	10.9	0.4	1.3	*	-	12.2	8.7	9.9	15.6	1.3	5.5	0.7	2.1	0.2	*
AZ	0.7	1.8	0.6	0.4	20.7	30.3	3.3	7.5	51.4	36.6	1.6	2.1	6.2	5.6	1.1	1.1	0.1	0.1	3.9	6.4	6.7	4.7	2.3	1.4	0.9	1.2	0.5	0.8
CA	2.5	0.4	2.1	0.2	43.2	30.7	20.2	17.4	21.4	34.7	1.2	2.9	2.6	6.6	0.5	2.0	0.1	*	2.9	1.1	2.2	2.2	0.7	0.8	0.3	0.8	0.1	0.2
Other	2.0	1.1	1.3	-	15.5	8.1	1.8	6.6	28.6	47.5	2.6	7.2	16.9	20.7	1.0	4.3	-	-	0.3	-	19.2	2.0	9.1	2.1	1.5	0.4	0.2	-
US	1.0	0.3	0.5	0.1	21.0	13.9	7.0	6.0	29.1	37.1	2.2	2.9	9.5	11.4	1.3	1.9	0.2	*	9.9	4.9	12.3	14.9	3.5	4.8	2.2	1.5	0.3	0.3

1/ Data for current season are preliminary.
* Less than 0.05 percent.

Table 7. Percentage distribution of the staple of upland cotton ginned prior to January 1, this season and last season, and total ginnings, by states 1/

State	Staple																				Average staple		Total upland ginnings				
	28 and shorter		29	30	31	32	33	34	35	36	37	38 and longer		1977		1978											
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978									
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Bales	Bales											
NC	-	-	-	-	*	-	-	0.5	-	18.7	3.2	67.1	67.3	13.6	29.4	0.1	0.1	-	-	34.9	35.3	50,752	45,123				
SC	-	-	-	-	*	-	0.2	-	1.9	*	10.3	1.8	47.5	13.5	37.0	56.3	3.0	26.5	0.1	1.9	35.3	36.1	101,480	106,060			
GA	-	-	-	*	0.2	*	2.0	*	22.7	3.5	48.1	38.4	26.8	56.8	0.2	1.3	-	-	-	-	34.0	34.6	70,812	104,570			
AL	-	-	*	-	0.3	0.2	4.8	0.6	41.4	14.5	45.6	62.4	7.7	21.6	0.1	0.7	*	*	-	-	33.6	34.1	260,674	275,413			
MS	-	-	-	*	-	*	*	0.1	1.3	2.5	21.6	52.7	68.3	44.0	8.7	0.7	0.1	*	*	-	-	34.8	34.4	1,568,368	1,323,090		
TN	-	-	-	-	0.1	0.1	1.8	2.0	37.7	28.4	56.0	62.0	4.4	7.4	*	0.1	*	*	-	-	33.6	33.7	247,125	227,045			
MO	*	-	-	-	*	-	0.2	0.1	4.4	2.2	51.1	26.5	43.1	66.2	1.2	5.0	-	*	-	-	34.4	34.7	225,842	180,957			
AR	-	-	-	*	-	*	-	0.2	0.8	4.5	24.3	39.2	68.8	53.3	6.1	2.8	*	*	-	-	34.8	34.5	1,006,436	642,098			
LA	-	-	-	*	-	0.1	*	0.9	0.4	10.9	27.5	46.1	69.0	39.7	3.1	2.2	*	0.1	-	-	34.7	34.3	636,213	466,942			
OK	*	*	0.1	0.6	2.2	6.5	13.0	22.0	39.0	36.2	30.4	18.5	10.8	7.7	3.0	4.6	1.4	3.8	0.1	0.1	-	-	32.5	32.3	396,011	269,069	
TX	0.1	0.2	1.1	2.4	12.0	11.4	29.4	19.7	27.5	27.0	16.2	20.8	10.9	14.8	2.1	3.0	0.6	0.5	0.1	0.2	*	*	31.9	32.1	5,171,946	2,925,938	
NM	*	-	*	0.1	1.0	0.6	3.8	2.7	6.3	5.1	4.2	3.5	3.7	5.0	8.6	5.4	39.0	28.9	32.6	47.6	0.8	1.1	35.6	35.9	143,130	69,881	
AZ	*	*	*	*	0.2	0.1	0.2	0.2	0.9	1.1	2.4	3.1	31.9	27.8	62.1	65.3	1.8	2.0	0.3	0.4	0.2	*	34.6	34.6	924,986	831,674	
CA	*	-	*	*	0.1	0.1	*	0.1	0.1	0.3	0.5	0.7	7.9	7.2	51.1	49.6	40.2	41.9	0.1	0.1	-	*	35.3	35.3	2,612,358	1,785,496	
Other	-	-	-	-	-	-	-	-	-	-	1.1	4.3	3.9	49.1	40.8	25.3	34.3	21.1	19.9	0.2	-	-	-	34.6	34.7	6,472	3,964
US	0.1	0.1	0.4	0.8	4.7	3.8	11.7	6.9	12.0	9.9	9.4	10.0	17.2	25.8	33.4	32.3	10.6	9.8	0.5	0.6	*	*	33.7	33.8	13,422,605	9,257,320	

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 8. Percentage of ginnings reduced in grade, by specified causes, prior to January 1, this season and last season, by states 1/

State	Grade reductions							
	Grass		Bark		Other causes		Total reductions	
	1977	1978	1977	1978	1977	1978	1977	1978
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
North Carolina	7.5	5.3	-	0.1	*	*	7.5	5.4
South Carolina	11.9	6.6	0.4	1.0	*	-	12.3	7.6
Georgia	7.2	5.9	0.8	0.1	0.1	*	8.1	6.0
Alabama	3.5	4.1	1.6	0.2	*	*	5.1	4.3
Mississippi	6.2	8.1	1.9	0.5	*	*	8.1	8.6
Tennessee	3.8	3.9	1.3	1.6	*	0.1	5.1	5.6
Missouri	0.5	1.2	0.8	*	*	*	1.3	1.2
Arkansas	3.4	5.6	0.7	0.2	*	0.1	4.1	5.9
Louisiana	6.3	5.5	1.5	0.4	*	*	7.8	5.9
Oklahoma	1.5	0.7	15.1	11.3	*	*	16.6	12.0
Texas	3.2	1.6	1.6	11.7	*	*	4.8	13.3
New Mexico	1.3	0.4	1.9	8.1	0.2	*	3.4	8.5
Arizona	2.1	1.8	2.7	2.1	0.1	0.1	4.9	4.0
California	3.0	2.8	0.2	0.6	0.1	0.1	3.3	3.5
Other	5.1	7.5	4.0	1.7	-	-	9.1	9.2
United States	3.6	3.5	1.7	4.6	0.1	*	5.4	8.1

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 9. American Pima cotton ginned in the United States, by grade and staple 1/

Grade and Staple	Code	December 1-31				Season through December 31			
		1977	1978	1977	1978	1977	1978	1977	1978
Grade		Bales	Bales	Pct.	Pct.	Bales	Bales	Pct.	Pct.
1	(10)	-	-	-	-	-	-	-	-
2	(20)	15	-	*	-	116	224	0.1	0.4
3	(30)	2,630	2,649	8.2	7.0	16,680	7,345	18.4	11.6
4	(40)	24,331	21,269	76.1	56.3	61,140	34,996	67.4	55.3
5	(50)	4,025	11,752	12.6	31.1	11,292	17,198	12.4	27.2
6	(60)	642	1,850	2.0	4.9	1,078	2,849	1.2	4.5
7	(70)	149	186	0.5	0.5	231	430	0.3	0.7
8	(80)	81	44	0.3	0.1	81	103	0.1	0.2
9	(90)	90	11	0.3	*	90	27	0.1	*
10	(00)	7	33	*	0.1	7	33	*	0.1
Total		31,970	37,794	100.0	100.0	90,715	63,205	100.0	100.0
<u>Staple</u>									
40 and shorter		-	-	-	-	-	-	-	-
42		413	55	1.3	0.1	413	276	0.5	0.4
44		13,715	2,327	42.9	6.2	41,106	10,778	45.3	17.1
46		17,842	35,412	55.8	93.7	49,196	52,151	54.2	82.5
48 and longer		-	-	-	-	-	-	-	-
Total		31,970	37,794	100.0	100.0	90,715	63,205	100.0	100.0

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 10. Percentage distribution of micronaire readings for American Pima ginnings prior to January 1, this season and last season, by states 1/

Readings	State						United States	
	Texas		New Mexico		Arizona			
	1977	1978	1977	1978	1977	1978	1977	1978
	Percent		Percent		Percent		Percent	
24 and below	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	0.1	*	0.3	-	*	-	0.1	*
28	0.1	0.2	0.4	-	-	-	0.1	0.1
29	0.6	0.8	1.1	-	*	-	0.3	0.3
30	0.6	3.5	2.1	1.7	0.3	0.1	0.5	1.6
31	1.3	5.9	3.4	2.4	0.4	0.4	0.9	2.7
32	1.7	7.8	4.3	6.4	0.8	0.6	1.3	3.9
33	2.5	8.8	4.9	5.9	1.3	0.7	2.0	4.2
34	4.1	12.5	8.1	8.5	2.6	1.0	3.5	6.0
35	6.5	11.7	13.8	11.6	5.8	6.6	6.5	9.0
36	8.8	13.0	11.0	17.7	8.2	8.0	8.6	10.6
37	11.2	9.8	12.7	9.2	10.2	9.2	10.7	9.4
38	13.0	10.9	11.3	16.3	15.8	14.0	14.3	12.9
39	13.8	5.2	7.9	7.8	13.7	13.4	13.4	9.8
40	12.5	4.2	7.5	3.9	14.8	16.1	13.5	10.6
41	9.4	1.8	7.1	3.9	9.5	11.1	9.4	6.9
42	6.9	2.3	1.9	3.9	8.6	10.6	7.6	6.9
43	3.3	0.8	1.4	-	4.2	4.3	3.7	2.7
44	2.0	0.5	0.8	0.8	2.8	2.8	2.4	1.7
45	1.2	0.1	-	-	0.7	0.9	0.9	0.5
46	0.3	0.1	-	-	0.2	0.1	0.2	0.1
47	0.1	0.1	-	-	0.1	0.1	0.1	0.1
48	*	-	-	-	-	-	*	-
49	*	-	-	-	-	-	*	-
50 and above	-	-	-	-	-	-	-	-
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average mike	38	35	36	36	39	39	38	37

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Estimated grade and staple of American Pima cotton ginned in the United States
prior to January 1, 1979 1/

Grade Code	Staple						All staples
	40 and shorter	42	44	46	48	50 and longer	
	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u> <u>Pct.</u>
1 (10)	-	-	-	-	-	-	-
2 (20)	-	-	119	105	-	-	224 0.4
3 (30)	-	89	2,242	5,014	-	-	7,345 11.6
4 (40)	-	89	5,444	29,463	-	-	34,996 55.3
5 (50)	-	43	2,057	15,098	-	-	17,198 27.2
6 (60)	-	11	653	2,185	-	-	2,849 4.5
7 (70)	-	11	166	253	-	-	430 0.7
8 (80)	-	11	70	22	-	-	103 0.2
9 (90)	-	11	16	-	-	-	27 *
10 (00)	-	11	11	11	-	-	33 0.1
<hr/>							
All grades	-	276	10,778	52,151	-	-	63,205 <u>2/</u> 100.0
<hr/>							
Percent	-	0.4	17.1	82.5	-	-	100.0

1/ Preliminary.

2/ As reported by the Bureau of the Census.

* Less than 0.05 percent.

Average grade . . . 4.3

Average staple . . 45.6

United States Department of Agriculture, Agricultural Marketing Service, Cotton Division